



Petunidin-3-O-arabinoside chloride Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Petunidin-3-O-arabinoside chloride

Catalog No.: CFN92044

Cas No.: 28500-03-0

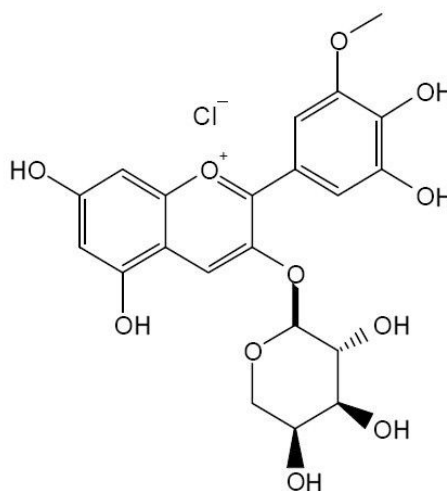
Purity: > 95%

M.F: C₂₁H₂₁ClO₁₁

M.W: 484.8

Physical Description: Powder

Synonyms: Petunidin 3-arabinoside.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Ingredient in supplements, beverages;
6. Cosmetic research;
7. Others.

[Source]

The fruits of *Vaccinium myrtillus*.

[Biological Activity or Inhibitors]

Petunidin-3-arabinoside has antioxidant capacity. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -5% Formic acid in H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 20 °C;

The wave length of determination: 520 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Wang C, Chen C T, Wang S. *Food Chem.*, 2010, 117(3):426-31.

[2] Ribnicky D M, Roopchand D E, Oren A, *et al. Food Chem.*, 2014, 142(1):349-57.

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